| In | dex | of C | laims |  |
|----|-----|------|-------|--|
|    |     |      |       |  |

| Application | No. |
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09/941,878

Examiner

Phuongchau Ba Nguyen

Applicant(s)

PARTAIN ET AL.

Art Unit

2665

| √ | Rejected |
|---|----------|
| = | Allowed  |

| 1 | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
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| 1 | Interference |

| A | Appeal   |
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| 0 | Objected |

| Cla      | aim      | Date            |   |         |  |              |          | Claim Date |          |          |          |     |           |           | Claim Date     |          |          |              |          |          |          |          |          |            | $\neg$   |             |  |              |         |          |          |          |                |
|----------|----------|-----------------|---|---------|--|--------------|----------|------------|----------|----------|----------|-----|-----------|-----------|----------------|----------|----------|--------------|----------|----------|----------|----------|----------|------------|----------|-------------|--|--------------|---------|----------|----------|----------|----------------|
|          |          |                 |   | Т       | T  | Т            |          |            |          | ヿ        |          | T   |           |           | I              |          |          |              |          |          |          | $\neg$   |          |            |          |             |  |              |         |          |          |          | $\Box$         |
| <u> </u> | Original | 2/7/05          |   | 1       |  | -            |          |            |          |          | Final    |     | Original  |           |                |          |          |              |          |          |          |          | Final    | Original   |          |             |  |              |         |          |          |          | ıl             |
| Final    | ïġ       | 12              |   | ı       |  | -            |          |            |          |          | 造        |     | ij        |           | ł              |          |          |              |          |          |          |          | 证        | )riç       |          |             |  |              |         |          |          |          | ıl             |
|          | 0        |                 |   | ł       |  | -            |          |            |          |          |          | '   | 9         |           |                |          |          |              |          |          |          |          |          |            |          |             |  |              |         |          |          |          |                |
|          | 1        | <b>√</b>        | T   | Т       | T  | 丁            |          |            |          |          |          |     | 51        |           |                |          |          |              |          |          |          |          |          | 101        |          |             |  |              |         |          |          |          |                |
|          | 2        | <b>√</b>        |   |         |  | $\Box$       |          |            |          |          |          |     | 52.       |           |                |          |          |              |          |          |          |          |          | 102        |          |             |  |              |         |          |          |          |                |
|          | 3        | √               |   |         |  |              |          |            |          |          |          |     | 53        |           |                |          |          |              |          |          |          |          |          | 103        |          |             |  |              |         |          |          |          |                |
|          | 4        | $\checkmark$    |   |         |  |              |          |            |          |          |          |     | 54        |           |                |          |          |              |          |          |          |          |          | 104        |          |             |  |              |         |          |          |          |                |
|          | 5        | ✓               |   |         |  |              |          |            |          |          |          | [ ] | 55        |           |                |          |          |              |          |          |          |          |          | 105        |          | L           |  |              |         |          |          | _        | Ш              |
|          | 6        | ✓               | $\perp$   |         |  | $\perp$      |          |            |          |          |          |     | 56        |           |                |          |          |              |          | $\perp$  | $\perp$  |          |          | 106        |          |             | <u> </u>   |              |         |          |          |          |                |
|          | 7        | =               | _   |         |  |              |          |            |          |          |          |     | 57        |           | _              |          |          |              |          | _        | _        |          |          | 107        | _        |             | _  |              |         |          |          |          | Ш              |
|          | 8        | =               | _   | _       | _  | _            |          |            |          |          |          |     | 58        |           | _              | _        |          |              | _        | _        |          |          |          | 108        | L        | <u> </u>    |  |              |         |          | _        |          | Ш              |
|          | 9        | =               |   |         |  | $\perp$      |          |            |          |          | <u> </u> |     | 59        |           |                |          |          |              | _        |          | _        |          |          | 109        |          |             |  | L            | $\perp$ |          | _        |          | Ш              |
|          | 10       | =               | $\perp$   |         |  | 4            | _        |            | Ц        |          |          |     | 60        |           | _              |          |          |              | _        | _        | _        |          |          | 110        |          | _           | L_   |              | ٠       |          |          | _        | Ш              |
|          | 11       | =               | _   | _       |  | _            |          |            |          |          | L.       |     | 31        |           | _              | _        |          |              | _        |          | _        |          |          | 111        |          |             |  |              |         | _        | $\dashv$ |          | Ш              |
|          | 12       | =               |   | _ _     | _  | 4            | _        |            | _        | _        |          |     | 52        |           | _              | _        |          | Щ            | _        | _        | $\dashv$ | _        | <u> </u> | 112        | <u> </u> |             | <u> </u>   | $oxed{oxed}$ | Ш       | Щ        |          |          | $\square$      |
| <u> </u> | 13       | =               | _   | _       | 4  | 4            |          |            | _        | $\dashv$ |          |     | 63        | $\square$ |                |          | _        |              |          | _        | _        | _        |          | 113        | ļ        | <u> </u>    | <u> </u>   | <u> </u>     | Ш       | $\vdash$ |          | _        | Щ              |
| <u> </u> | 14       | =               | _   | $\perp$ | $\bot$   | 4            | _        |            |          | _        | <u> </u> |     | <u>34</u> | $\sqcup$  |                | _        |          |              | _        |          | _        |          | <u> </u> | 114        | <u> </u> | $\vdash$    | <u> </u>   | $\vdash$     | Ш       | Щ        | $\sqcup$ |          | Щ              |
|          | 15       | $\sqcup$        | $\perp$   |         | - -  | 4            | _        |            | _        | 4        | <u> </u> |     | 65        | $\sqcup$  |                | _        | -        | Щ            | $\dashv$ | -        | 4        | _        | <b></b>  | 115        | <u> </u> | -           | <u> </u>   | $\vdash$     | Ш       | Щ        | $\sqcup$ | _        | Щ              |
|          | 16       | $\vdash \vdash$ | _   | _       | -  | -+           |          | _          |          | $\dashv$ | <u> </u> |     | 66        |           |                |          |          | Н            | $\dashv$ | -        | $\dashv$ | _        | ļ        | 116        | <u> </u> | <b> </b>    | _  | <u> </u>     | Ш       | $\vdash$ | $\sqcup$ | _        | $\vdash\vdash$ |
|          | 17       | <u> </u>        | 4   | _       | 4  | 4            | 4        | _          |          | _        | -        |     | 67        |           | -              |          | _        |              | _        | -        |          |          | -        | 117        | _        |             | <u> </u>   | _            |         |          |          |          | $\vdash\vdash$ |
|          | 18       | <u> </u>        | -   | _       | 4  | 4            | _        | _          |          |          | ļ        |     | 86        |           | -              | _        | -        |              |          |          | -        |          |          | 118        |          |             | <u> </u>   |              |         | -        | -        | $\dashv$ | Н              |
|          | 19       | <b>-</b>        | _   | _       | 4  | _            | _        | _          |          | _        | <u> </u> |     | 9         |           | $\dashv$       | _        | _        |              | $\dashv$ |          |          |          |          | 119        |          |             | <u> </u>   | <u> </u>     | _       | -        |          |          | Н              |
| <u> </u> | 20       | $\vdash$        | +   | _       | 4-   | _            | -        |            |          |          | $\vdash$ |     | 70        | $\dashv$  |                |          |          | _            | $\dashv$ | $\dashv$ | $\dashv$ | _        | <u> </u> | 120<br>121 |          | -           | $\vdash$   | $\vdash$     | -       | H        |          | $\dashv$ | Н              |
| <u> </u> | 21       | $\vdash$        | +   | +       | +  | 4            |          | _          |          |          | -        |     | 71<br>72  | $\dashv$  | -              | _        | -        | $\vdash$     |          | $\dashv$ | $\dashv$ |          | -        | 122        | ⊢        | ⊢           | ⊢  |              |         | $\vdash$ | $\vdash$ | $\dashv$ | Н              |
| <u> </u> | 22       | -               | +   | +       | +  | +            | -        | -          |          | -        | -        |     | 73        | -         |                | _        | -        | Ľ            | $\dashv$ |          | -        |          | <b></b>  | 123        | _        |             | <del> </del>                                     | -            | _       | $\vdash$ |          | $\dashv$ |                |
|          |          | $\vdash$        | +   | -       | +  | +            |          | _          | $\dashv$ |          | -        |     | 74        | $\vdash$  | $\dashv$       | -        | -        |              | -        |          | $\dashv$ |          |          | 124        | -        | H           | <del> </del>                                     | $\vdash$     | _       | -        |          | $\dashv$ | Н              |
|          | 24<br>25 |                 | $\dashv$  | +       | +  | +            | _        | _          | $\dashv$ |          | -        |     | 75        |           | $\dashv$       | -        |          |              | $\dashv$ | -        | $\dashv$ |          |          | 125        | ┝        | $\vdash$    | _  | $\vdash$     |         | Н        | $\dashv$ |          | $\vdash$       |
| -        | 26       | $\vdash$        |   | +       | +  | +            |          | $\dashv$   | $\dashv$ | $\dashv$ | $\vdash$ |     | 76        | $\dashv$  |                |          | $\dashv$ |              |          | $\dashv$ | $\dashv$ | $\dashv$ |          | 126        |          |             | ┢  | <del> </del> |         | H        | $\dashv$ | $\dashv$ | Н              |
|          | 27       | -               |   | +       | +  | +            |          |            | $\dashv$ | -        |          |     | 77        | $\dashv$  | -              | -        | $\dashv$ | _            | $\dashv$ | $\dashv$ | $\dashv$ | _        |          | 127        |          | $\vdash$    | <del> </del>                                     | $\vdash$     | -       | $\vdash$ | $\dashv$ | $\dashv$ | Н              |
| $\vdash$ | 28       | $\vdash$        | +   | ╁       | +  | +            |          |            | -        | -        | -        |     | 78        | $\dashv$  | -              |          | $\dashv$ | $\vdash$     | ᅱ        | $\dashv$ | $\dashv$ | $\dashv$ |          | 128        | _        | $\vdash$    | ┝  | -            |         | H        | $\dashv$ | $\dashv$ | Н              |
|          | 29       | ┝╼┼             | +   | +       | +  | +            | +        |            | $\dashv$ | $\dashv$ |          |     | 79        |           | -              | $\dashv$ | $\dashv$ |              | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          | 129        | -        | -           | _  | $\vdash$     |         | H        |          | $\dashv$ | $\vdash$       |
|          | 30       | ┝╼┾             | +   | +       | +  | $\dashv$     | <b>-</b> | $\dashv$   | $\dashv$ | $\dashv$ | $\vdash$ |     | 30        |           |                |          | $\dashv$ |              | $\dashv$ | $\dashv$ | +        |          |          | 130        |          | -           | <del>                                     </del> | $\vdash$     |         |          |          | $\dashv$ | Н              |
|          | 31       | <del></del> -   |   | +       | +  | $\dashv$     |          | _          | $\dashv$ | -        |          |     | 31        |           |                | _        |          |              |          | 一        | $\dashv$ |          |          | 131        | $\vdash$ | $\vdash$    | $\vdash$   | $\vdash$     |         |          | $\dashv$ | $\dashv$ | $\vdash$       |
|          | 32       | $\vdash$        | -   | +       | +  | $\dashv$     | _        |            |          |          |          |     | 32        | -         |                | $\neg$   |          |              | $\neg$   | 1        | 7        |          | <b></b>  | 132        | _        |             | <u> </u>   |              |         | Н        |          | $\neg$   |                |
|          | 33       | $\vdash$        | _   | 十       | $\dagger$                                      | $\dashv$     | 1        |            | $\dashv$ |          |          |     | 33        |           | _              |          |          |              | $\dashv$ | 寸        | 7        |          |          | 133        |          |             |  |              |         |          |          |          | П              |
| -        | 34       | $\vdash$        | $\top$  | $\top$  | +  | +            | $\dashv$ | $\dashv$   | $\dashv$ | $\neg$   |          |     | 34        | $\dashv$  | _              | $\dashv$ |          | П            | _        | _        | _        | $\neg$   |          | 134        |          | П           | $\vdash$   |              |         |          |          |          |                |
|          | 35       | 一               | $\top$  | 十       | +  | 寸            | 7        |            |          | $\neg$   |          |     | 35        | $\neg$    |                |          | $\neg$   | П            |          |          | $\neg$   |          |          | 135        |          |             | Г  | П            |         | П        |          | $\neg$   | П              |
|          | 36       |                 | $\top$  | $\top$  | $\top$   | $\forall$    |          |            | $\neg$   | $\neg$   |          |     | 36        | $\Box$    |                |          |          |              | $\neg$   |          | $\neg$ † |          |          | 136        |          |             |  |              |         |          |          |          |                |
|          | 37       | $\Box$          | 十   | $\top$  | $\top$   | $\top$       | T        | $\neg$     | $\neg$   | $\neg$   |          |     | 37        |           |                |          |          |              |          |          | 7        |          |          | 137        |          |             | Г  | П            |         |          | $\Box$   | $\neg$   | П              |
|          | 38       |                 | 7   | 7       | $\top$   | $\top$       |          |            | $\neg$   | $\neg$   |          |     | 38        |           | $\neg \dagger$ | $\neg$   |          |              | $\neg$   |          | $\Box$   |          |          | 138        |          |             | I  |              |         |          |          |          |                |
|          | 39       | $\sqcap$        | $\neg$  |         |  | T            | $\neg$   |            |          |          |          | 1   | 39        |           |                |          |          |              |          | 1        |          |          |          | 139        |          |             |  |              |         |          |          |          |                |
|          | 40       |                 |   |         |  | _            | $\Box$   |            |          |          |          |     | 90        |           |                |          |          |              |          |          |          |          |          | 140        |          |             |  |              |         |          |          |          |                |
|          | 41       |                 |   |         | ┱  |              | _        |            |          |          |          | 1   | 91        |           |                |          |          |              |          | $\Box$   | $\Box$   |          |          | 141        |          |             |  |              |         |          |          |          |                |
|          | 42       |                 |   |         |  | T            |          |            |          |          |          |     | 92        |           | $\equiv$       |          |          |              |          |          |          |          |          | 142        |          |             |  |              |         |          |          |          |                |
|          | 43       |                 | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |         | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{T}}}$ | Ι            |          |            |          |          |          |     | 93        |           |                |          |          |              |          |          |          |          |          | 143        |          |             |  |              |         |          |          |          |                |
|          | 44       |                 | $\perp$   |         |  | $oxed{oxed}$ |          |            |          |          |          | [   | 94        |           |                |          |          |              | [        |          | $\Box$   |          |          | 144        |          |             |  | $oxed{oxed}$ |         |          |          |          |                |
|          | 45       |                 | $\perp$   |         |  | $\int$       |          |            |          |          |          |     | 95        |           |                |          | ]        | $oxed{oxed}$ | $\Box$   |          | $ \bot $ | _]       |          | 145        |          |             |  |              |         |          |          |          | Ш              |
|          | 46       |                 | $\perp$   |         |  |              |          |            |          |          |          | 19  | 96        |           |                |          |          |              |          |          |          |          |          | 146        |          |             | $oxed{\Box}$                                     |              | Ш       | Ш        |          |          | Ш              |
|          | 47       | Ш               |   | $\perp$ | $\perp$  | $\perp$      | $\Box$   | _          |          | _        | <u> </u> | 19  | 97        |           | [              |          |          | Ш            |          |          |          | _        |          | 147        |          | <u> </u>    | <u> </u>   | <u> </u>     | Ш       | Ш        |          |          | Щ              |
|          | 48       |                 |   |         |  | $\perp$      | $\perp$  |            |          | _        |          |     | 98        |           |                |          |          | Ш            | [        | [        | $\perp$  | _        |          | 148        | _        | L_          | <u> </u>   | Ш            | Ш       | Щ        | $\Box$   |          | Ш              |
| L        | 49       | Ц.              | $\perp$   | $\perp$ | _ _  | $\perp$      | _        |            |          | _        |          | 4   | 99        |           |                | _        |          | Ш            |          |          | _        | $\Box$   | L        | 149        |          | $\bigsqcup$ | <u> </u>   | <u> </u>     |         | Ш        |          |          | Щ              |
|          | 50       | ot              |   |         |  |              |          |            |          |          | L        | 1   | 00        |           |                |          |          |              |          |          |          |          | <u> </u> | 150        |          |             | <u> </u>   | L_           |         |          |          |          | ليا            |